

ABSTRACT

Polyolefin resin fibers for cement reinforcement which have hydrophilicity imparted thereto and show excellent adhesion to cement matrices. The fibers are ones which have been formed from a polypropylene resin by spinning and have undergone a surface modification treatment selected from oxidation treatment and fluorination treatment so that the fiber surface has an index of wetting of 38 dyn/cm or higher. The polypropylene resin fibers for cement reinforcement, when used in the application or placing of various mortars or concretes, give cement moldings improved in flexural toughness, such as flexural strength and impact strength.